

**City of Winnipeg
Water and Waste Department
West End Water Pollution Control Centre Monitoring Data**

October 2021

Licence # 2669 E RR	File # 53.10	Final Effluent 24 Hour Composite						Final Effluent Grab Sample					
		Date	Final Effluent Daily Flow	TSS	cBOD5	Ammonia	Ortho Phosphorus	Total Phosphorus	Total Nitrogen	Temp.	pH	Fecal Coliform	E.Coli
			ML	(mg/L)	(mg/L)	(kg NH3-N/day)	(mg/L-P)	(mg/L-P)*	(mg/L-N)*	(°C)	(units)	MPN/100 mL	
1-Oct-21	16.8	32	7	0.6	0.190	0.7	2.9	17.1	9.47	nr	60		
2-Oct-21	16.8	39	7	0.6	0.217	0.7	2.9	17.0	9.45	50	60		
3-Oct-21	16.7	37	7	0.4	0.253	0.7	2.9	16.6	9.55	30	30		
4-Oct-21	16.4	38	6	0.3	0.248	0.7	2.9	16.2	9.47	110	110		
5-Oct-21	16.2	44	7	0.3	0.220	0.7	3.0	17.0	9.46	30	40		
6-Oct-21	16.3	50	8	0.2	0.202	0.7	3.0	17.2	9.26	40	40		
7-Oct-21	16.5	48	7	0.2	0.270	0.7	3.0	17.0	9.29	40	50		
8-Oct-21	16.5	51	8	1.4	0.195	0.7	3.1	16.7	9.20	<10	20		
9-Oct-21	17.5	48	7	3.2	0.121	0.7	3.1	18.8	9.18	60	40		
10-Oct-21	18.0	47	7	3.0	0.114	0.7	3.1	14.1	9.12	130	160		
11-Oct-21	18.1	50	5	1.7	0.139	0.7	3.1	13.4	9.06	310	320		
12-Oct-21	18.6	40	7	0.4	0.143	0.6	3.2	13.0	9.03	150	150		
13-Oct-21	19.3	51	7	1.0	0.101	0.6	3.2	12.1	9.16	170	160		
14-Oct-21	19.5	58	7	1.1	0.084	0.6	3.2	12.0	8.97	370	290		
15-Oct-21	19.5	53	9	1.1	0.105	0.6	3.3	11.1	9.07	230	200		
16-Oct-21	19.6	49	nr	0.6	0.069	0.6	3.3	11.3	9.06	120	210		
17-Oct-21	19.6	48	12	0.4	0.055	0.6	3.4	11.4	9.17	190	100		
18-Oct-21	19.5	54	12	0.6	0.033	0.6	3.4	10.0	9.28	120	100		
19-Oct-21	19.3	57	10	1.7	0.028	0.6	3.4	11.1	9.29	90	70		
20-Oct-21	19.2	60	12	0.7	0.030	0.6	3.4	9.3	9.34	100	60		
21-Oct-21	19.0	62	14	2.2	0.040	0.6	3.4	8.9	9.20	150	100		
22-Oct-21	19.0	64	14	7.4	0.043	0.6	3.5	7.6	9.31	250	130		
23-Oct-21	19.0	55	15	1.4	0.025	0.6	3.5	7.3	9.30	120	120		
24-Oct-21	18.7	52	16	1.6	0.023	0.6	3.5	5.8	9.40	110	170		
25-Oct-21	18.1	62	14	2.3	0.034	0.6	3.5	6.0	9.22	170	260		
26-Oct-21	18.0	78	15	2.4	0.015	0.6	3.4	6.9	9.21	190	220		
27-Oct-21	18.2	64	11	3.4	0.025	0.5	3.4	6.8	9.14	190	230		
28-Oct-21	18.2	68	13	4.9	0.030	0.5	3.4	6.2	8.89	280	200		
29-Oct-21	18.1	66	13	5.6	0.099	0.5	3.5	6.9	8.85	390	330		
30-Oct-21	18.0	70	12	7.4	0.055	0.5	3.4	6.8	8.03	500	570		
31-Oct-21	18.0	64	8	8.5	0.043	0.5	3.4	6.4	8.74	350	410		
Max:	19.6												
Min:	16.2												
Average:	18.1	54	10	2.1	0.105			11.5	9.17				
Total Flow:	561.9												
Geo.Mean:										121	120		

Notes:

- (1) nr - not recorded or no result; na - not analyzed; ns - no sample
- (2) Where value is expressed as less than (<), the value is halved and used in the calculations
- (3) * = 30 day rolling average